AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q114485

Application No.: 10/587,472

**AMENDMENTS TO THE CLAIMS** 

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (Currently Amended): A molded article, thermoplastic elastomer composition

comprising an acrylic block copolymer (A) which comprises a methacrylic polymer block (a)

and an acrylic polymer block (b), wherein at least one of polymer blocks among the methacrylic

polymer block (a) and the acrylic polymer block (b) has an acid anhydride group and/or a

carboxyl group, and an acrylic polymer (B) having 1.1 or more of epoxy groups in one molecule,

wherein the acid anhydride group and/or the carboxyl group is reacted with the epoxy group at

molding, and the acrylic block copolymer (A) is converted to crosslinked.

2. (Currently Amended): The molded article thermoplastic elastomer composition of

Claim 1, wherein the acid anhydride group and/or the carboxyl group exist in the main chain of

the acrylic block copolymer (A) and the acid anhydride group is represented by the general

formula (1):

2

Attorney Docket No.: Q114485

AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 10/587,472

$$(CH_2)_m$$
 $(CH_2)_n$ 
 $(CH_2)_n$ 

(wherein  $R^1$  is hydrogen or a methyl group and may be the same or different, n is an integer of 0 to 3 and m is an integer of 0 or 1).

3. (Currently Amended): The <u>molded article</u> thermoplastic elastomer composition of Claims 1 or 2,

wherein the acrylic block copolymer (A) comprises 10 to 60% by weight of the methacrylic polymer block (a) in which a methacrylic polymer is the main component and 90 to 40% by weight of the acrylic polymer block (b) in which an acrylic polymer is the main component.

4. (Currently Amended): The <u>molded article</u> thermoplastic elastomer composition of Claim 1, wherein the acrylic polymer block (b) comprises 50 to 100% by weight of at least one monomer selected from the group consisting of n-butyl acrylate, ethyl acrylate and 2-methoxyethyl acrylate and 50 to 0% by weight of other acrylate ester and/or other vinyl monomer copolymerizable with these monomers.

AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q114485

Application No.: 10/587,472

5. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein the number average molecular weight measured by gel permeation chromatography of the acrylic block copolymer (A) is 30,000 to 200,000.

- 6. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein a ratio (Mw/Mn) of the weight average molecular weight (Mw) to the number average molecular weight (Mn) measured by gel permeation chromatography of the acrylic block copolymer (A) is 1.8 or less.
- 7. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein the acrylic block copolymer (A) is a block copolymer produced by atom transfer radical <del>radial</del> polymerization.
- 8. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein the glass transition temperature of the methacrylic polymer block (a) is 25 to 130°C.
- 9. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein the weight average molecular weight of the acrylic polymer (B) is 30,000 or less.
- 10. (Currently Amended): The <u>molded article thermoplastic elastomer composition</u> of Claim 1, wherein a glass transition temperature of the acrylic polymer (B) is at most 100°C.

Attorney Docket No.: Q114485 AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 10/587,472

11. (Currently Amended): The molded article thermoplastic elastomer composition of Claim 1, wherein the acrylic polymer (B) comprises 50 to 100% by weight of at least one monomer selected from the group consisting of n-butyl acrylate, ethyl acrylate and 2methoxyethyl acrylate and 50 to 0% by weight of other acrylate ester and/or other vinyl

monomer copolymerizable with these monomers.

12. (Currently Amended): The molded article thermoplastic elastomer composition of Claim 1, wherein the weight average molecular weight of the acrylic polymer (B) is 500 to

10,000.

13. (canceled).

14. (Currently Amended): The molded article thermoplastic elastomer composition of Claim 1, wherein 5 to 200 parts by weight of a filler is further added based on 100 parts by

weight of the acrylic block copolymer.

15. (Currently Amended): The molded article thermoplastic elastomer composition of

Claim 1, wherein 0.1 to 20 parts by weight of a lubricant is further added based on 100 parts by

weight of the acrylic block copolymer.

16. (canceled).

5

AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q114485

Application No.: 10/587,472

17. (Currently Amended): The [[A]] molded article of Claim 1, which is obtained by powder slush molding the composition of Claim 1.

18. (Currently Amended): A superficial skin for an automobile interior, which is obtained by powder slush molding the composition comprises the molded article of Claim 1.

19. and 20. (canceled).